



Quick-Lock HD® Heavy Duty Pier Wheel

Unique One-Piece Design!

Quick-Lock HD® installation is a snap and is designed to properly position a reinforcing steel cage in a drilled shaft. Without proper alignment, the rebar cage cannot perform the function for which it was designed.

Quick-Lock HD® pier wheels are made of durable, noncorrosive plastic and fit numbers 3 through 7 rebar ties. They are also perfect for a variety of other applications where concrete cover must be maintained.



The table below illustrates the recommended number of Quick-Lock HD® wheels to be used on a per shaft basis. The actual number can vary subject to the number of vertical bars of the reinforcing steel cage. The structural engineer is the governing authority. When in doubt, please check with the structural engineer.

RECOMMENDED QUICK-LOCK HD® WHEELS PER REINFORCING CAGE				
Pier Shaft Depth In Feet	Pier Shaft Diameter In Inches			
	Up to 48"	49" to 72"	73" to 96"	97" to 120"
0' to 12'	8	12	16	20
13' to 24'	12	18	24	30
25' to 36'	16	24	32	40
37' to 48'	24	36	48	60
49' to 60'	28	42	56	70
61' to 72'	36	54	72	90
73' to 84'	40	60	80	100
85' to 96'	48	72	96	120
97' to 108'	52	78	104	130
109' to 120'	60	90	120	150
121' to 132'	64	96	128	160
133' to 144'	72	108	144	180

Part No.

Description

4QLHD*	4" Quick-Lock HD® wheel provides 2 inches of concrete cover* and fits rebar sizes #3 thru #7
6QLHD**	6" Quick-Lock HD® wheel provides 3 inches of concrete cover** and fits rebar sizes #3 thru #7
7QLHD*	7" Quick-Lock HD® wheel provides 3 inches of concrete cover* and fits rebar sizes #3 thru #7
8QLHD**	8" Quick-Lock HD® wheel provides 4 inches of concrete cover** and fits rebar sizes #3 thru #7
12QLHD**	12" Quick-Lock HD® wheel provides 6 inches of concrete cover** and fits rebar sizes #3 thru #7

*Actual Clearance or Concrete Cover is measured from the outside of the circle tie, spiral, etc. of the reinforcing steel cage to the side of the drilled shaft.

**Nominal Clearance or Concrete Cover is measured from the outside of the vertical bar of the reinforcing steel cage to the side of the drilled shaft.